Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
IMS-0010#B	4917	mission essential	functional	inspection	unverified	The IMS shall be capable of providing 24 hour per day, 7 day per week access to the ECS services.		ECS shall meet this requirement by inspection of applicable test results from RMA requirements EOSD3900 through EOSD4020.
IMS-0050#B	4930	mission essential	functional	test	unverified	The IMS shall provide the capability for users to define and modify user profile information, to include at a minimum: a. User electronic address b. Data distribution media c. Data distribution address d. User expertise level e. Default query parameters f. Terminal characteristics g. Technical specialty.	'Define' means input values to user profile information.	
IMS-0120#B	4961	mission essential	functional	inspection	unverified	The IMS shall provide,	FOR ITEM C.,	

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RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						dependent upon the user's display device capabilities, a user-friendly interface with the following features at a minimum: a. Multiple window display b. Buttons and pull down menus c. Valid lists for all variables d. An information base of associations between variables (e.g., between instruments and geophysical parameters) e. Ability to restore a session after interruption f. Context-sensitive help g. Minimal and consistent use of non-standard keys h. Random movement through fields i. Capability to save and restore	<u>VALID LISTS FOR DISPLAY OF VARIABLES FOR ASTER PRODUCTS WILL BE PROVIDED WHEN AVAILABLE</u>	

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RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						the contents of a menu or form j. Standardized use of commands and terminology across screens k. Self-explanatory, meaningful error messages l. Automatic acronym expansion, which can be enabled and disabled interactively m. Availability of a menu tree diagram n. Command language		
IMS-0340#B	5070	mission essential	functional	inspection	unverified	The metadata maintained by the IMS shall contain content-based summary information, including statistical summaries and granule features, for all ECS standard and special products.		Metadata as provided by the science processing software.
IMS-0380#B	5085	mission	interface	demo	unverified	The IMS shall	B: ASTER GDS	Non-ECS systems

Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
		essential				provide the capability to exchange directory data with IP data centers, ADCs, and selected ODCs.	interfaces to EDC DAAC only.	include IP data centers, and ODCs.
IMS-0420#B	5091	mission essential	functional	demo	unverified	The IMS on-line guide (documentation /reference material) shall provide or, where appropriate, contain references to such information as: a. Documentation of processing algorithms used for EOS and other Earth science data products generated by the ECS b. Results of science data quality assessments of EOS data c. Bibliography of published and unpublished literature (as available) derived from the project	As applicable to the data set	

Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						d. Cross references between differing studies of the same data e. Other documents relevant to quality assessment of EOS data f. Product specifications g. Instrument specifications h. Summaries of data sets derived from observation logs i. Format options available for the given data set j. Subsetting, subsampling, and transformation options available for the given data set k. Inventory search options available for the given data set		
IMS-0490#B	5124	mission essential	standards	demo	unverified	The IMS shall provide the capability to ingest documentation in a		B: It is applicable for any documentation which is supported

Table I.   Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						number of digital text formats, at a minimum the following: a. ASCII text b. Microsoft WORD c. HTML d. Interleaf e. Postscript f. WordPerfect		by Ingest, including the guide documentation.
IMS-0500#B	5126	mission essential	functional	demo	unverified	The IMS shall provide access to information to include at a minimum: a. Metadata b. Spacecraft housekeeping and ancillary data information c. Engineering data d. EOC historical data e. Data acquisition plans and schedules f. Processing schedules g. Documentation h. ESDIS Project Policies and		The term plan and schedule are the same. Candidate plans are provided through document server.

Table I.   Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						Procedures obtained from SMC data base i. Science Processing Library software j. Documentation on data format and metadata standards		
IMS-0510#B	8382	mission critical	interface	demo	~~TBD~~ unverified	The IMS shall provide tools for research planning and data search, to include at a minimum: a. Data acquisition schedules and plans b. The capability to map specified geophysical parameters to the appropriate instrument and/or Standard Product c. Descriptive information on instruments and geophysical parameters available in Standard Products d. Climatology information		

Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						f. Geographic reference aids g. Spacecraft location projections.		
IMS-0620#B	5178	mission essential	interface	demo	unverified	The IMS shall provide access to inventories of selected ODCs and ADCs via level II and level III catalog interoperability as specified in ICDs.		For Release B, the CLS is providing access to ODC/ADC services via the Gateway.
IMS-0740#B	5210	mission essential	functional	demo	unverified	The IMS shall provide the capability for users to generate and update requests for one-time orders or standing orders for the DADS to distribute DADS archive holdings to include, at a minimum, Standard Products, Standard Product software, EOC historical data, spacecraft housekeeping and ancillary data, and		Users interface to DAAC operators via email or telephone who place subscription requests on part of users. Update subscription requests are done by deletions of original or submit of new. The one time order cancel and change occurs privately only via operator.

Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						engineering data.		
IMS-0760#B	5213	mission essential	security	test	unverified	The IMS shall access distribution criteria for each data product and data product software and compare the distribution criteria to the requester's data access rights to verify that the data and software can be distributed as requested.		Distribution criteria is data access rights.
IMS-0880#B	6950	mission essential	interface	test	unverified	The IMS shall provide an interface to the ADC and ODC archives for ordering data to be delivered directly to the user or to a DADS.	DADS in support of PDPS only	
IMS-0890#B	5240	mission essential	functional	test	unverified	The IMS shall provide the capability to receive the metadata from the DADS when ADC or ODC data has been	Ancillary data from the ADC, to store in archive	

Table I.   Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						ingested into the ECS archives.		
IMS-1000#B	5280	mission essential	functional	test	unverified	The IMS shall prepare, for output to the PGS, the Product Processing Order for specifying processing and data to be used in generating a product, which shall contain the following information at a minimum: a. Identification of the product(s) to be generated b. Identification of the expected time/time window of receipt of input products, and ancillary data c. Product processing priority d. Destination(s) of product output e. Suggested earliest start time f. Suggested latest	B: On-Demand processing interface for users.	ECS operation staff shall input the items noted for product processing. Item b. is ECS self generated based on product processing rules. Item d. the product output destination is determined when the PGE undergoes Science Software Integration & Test (SSI&T). Item e. is determined by item b., item c. and other pending production requests.

Table I.   Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						completion time		
IMS-1310#B	5337	mission essential	interface	test	unverified	The IMS shall provide the capability to accept, from product requesters, product distribution status requests, retrieve the request status, and display the status to the requester for an ECS, ADC, or ODC data product.	ECS will support this requirement by users contacting ops/user services who then utilize an ops MSS interface to obtain status.	
IMS-1490#B	5361	mission essential	functional	test	unverified	The IMS toolkit software shall provide users, including those working from ICCs and ISTs, with the capability to locally construct the requests for IMS services, forward the requests to the IMS server, and obtain request results.		ISTs and ICCs are done by Rel B.
IMS-1510#B	5365	mission essential	standards	test	unverified	The IMS data		Portability supported by

Table I.   Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						visualization toolkit capabilities shall be portable and execute on ECS supported workstations and appropriate ECS facility computers.		<u>binaries.</u>
IMS-1530#B	5368	mission essential	functional	demo	unverified	The IMS data visualization toolkit shall provide the capability to visualize data in raster and vector formats and to visualize animated products.	<u>Display 8-bit and 24-bit raster images, Latitude/Longitude pairs</u>	
IMS-1540#B	5370	mission essential	functional	demo	unverified	The IMS toolkit software shall provide the capability to generate, at a minimum: a. Two-dimensional plots (x-y plots, scatter plots, profiles, histograms) b. Three-dimensional plots c. Contour plots d. Three-dimensional	<u>Item a. provides two-dimensional color scatter plots, two-dimensional data arrays as pseudocolor images.</u>	

Table I. Release B RBR interpretation/clarification texts transferred from Release A RBRs.

RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						surface diagrams		
IMS-1550#B	5371	mission essential	functional	demo	unverified	The IMS toolkit data visualization tools shall provide capabilities for image manipulation (e.g., pan, zoom, color, contrast).	Selecting color, zooming and panning for pseudocolor visualizations; zooming and panning for raster images.	
IMS-1600#B	5374	mission essential	interface	demo	unverified	The IMS shall provide access to the following communication services at a minimum: a. File transfer b. Multi media mail c. Remote log-on d. Electronic Bulletin Board e. Access to other networks		Multimedia mail shall be supported by x.400.
IMS-1645#B	5378	mission fulfillment	interface	demo	unverified	The IMS shall accept from the users and output to the SMC, user feedback information, which shall contain the following at a minimum:	User comments are free form text.	User feedback shall be comments (i.e., freeform text) only.

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RBR_id	Req Key	req_category	req_type	s_verif_method	s_verif_stat	text	interpretation text	clarification
						a. Product data quality assessment b. Schedule performance assessment c. Evaluation of quality of ECS service		
IMS-1700#B	5384	mission critical	functional	test	unverified	The IMS shall provide the capability to generate reports on: a. The backlog of data distribution requests b. The backlog of processing requests c. The backlog of data acquisition requests d. Data quality assessment e. Daily IMS operations summaries f. IMS performance summaries		Core metadata includes the quality assessment data.